

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventorship ..... Lu  
Applicant ..... Microsoft Corporation  
Attorney's Docket No. .... MS1-1904US  
Title: Beat Analysis of Musical Signals

**INFORMATION DISCLOSURE STATEMENT**

*References -- See Attached Form PTO-1449*

**REMARKS**

The citations listed, copies attached, are submitted in compliance with the duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make these citations of official record in this application.

Respectfully submitted,

Date: 3/25/04

By: Nathan R. Rieth  
Nathan R. Rieth  
Reg. No. 44,302

EV369764070 +

[illegible]

Examiner Signature		Date Considered	
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Application Number					
Filing Date					
First Named Inventor		LU			
Group Art Unit					
Examiner Name					
Attorney Docket Number		MS1-1904US			
Sheet	2	of	2		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		ALGHONIEMY, Masoud et al., "Rhythm and Periodicity Detection in Polyphonic Music," 1999 IEEE Third Workshop on Multimedia Signal Processing, 13-15 Sept 1999, Copenhagen, Denmark, pp 185-190.	
		DIXON, Simon et al., "Real Time Tracking and Visualisation of Musical Expression," Music and Artificial Intelligence, 2nd Int'l. Conference, ICMAI 2002, Proceedings, (Lecture Notes in Artificial Intelligence Vol. 2445) 12-14 Sept. 2002, Edinburgh, UK, pp.58-68.	
		CEMGIL, A.T. et al., "Monte Carlo Methods for Tempo Tracking and Rhythm Quantization," Journal of Artificial Intelligence Research, Vol 18, 2003, p.45-81.	
		LAROCHE, Jean, "Efficient Tempo and Beat Tracking in Audio Recordings," Journal of the Audio Engineering Society, Vol. 51, No. 4, April 2003, pp. 226-233	
		SETHARES, William A. et al., "Meter and Periodicity in Musical Performance," Journal of New Music Research, 2001, Vol. 30, No. 2, pp. 149-158.	
		KIROVSKI, D. et al., "Beat-ID: Identifying Music via Beat Analysis," Proceedings of 2002 IEEE Workshop on Multimedia Signal Processing, 9-11 Dec. 2002, St. Thomas, VI, USA, pp. 190-193.	
		TZANETAKIS, George et al., "Human Perception and Computer Extraction of Musical Beat Strength," 5th Int'l. Conference on Digital Audio Effects (DAFx-02), Hamburg, Germany, 26-28 Sept., 2002, pp. 257-261.	
		TZANETAKIS, George et al., "Musical Genre Classification of Audio Signals," IEEE Transactions on Speech and Audio Processing, Vol. 10, No. 5, July 2002, pp 293-302.	

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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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